

Fujitsu recommends Windows® 7.

Data Sheet

Fujitsu ESPRIMO P400

Desktop PC

Your Immediately Available Office PC

Fujitsu All-round ESPRIMO PCs deliver high-quality computing for your office applications and projects at a very attractive price point. You can choose cost-optimized fixed configurations for immediate delivery. Alternatively, you can use configuration options to meet your specific hardware needs, while staying within your budget.

Intelligent performance

The ideal PC for the day-to-day challenges of office life

- 2nd generation Intel® Core™ processors with Turbo Boost 2.0 and Hyper-Threading technology

Designed and engineered in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests are all under one roof in Germany

Immediate availability

Short waiting-times for fast purchase decisions - pre-configured and always available

- Fast availability and adapted to constantly changing customer and market requirements.



Components

Processor	Intel® Core™ i7-2600 processor (4 Cores / 8 Threads, 3.40 GHz, 8 MB, Intel® HD Graphics 2000)
	Intel® Core™ i5-2500 processor (4 Cores / 4 Threads, 3.30 GHz, 6 MB, Intel® HD Graphics 2000)
	Intel® Core™ i5-2400 processor (4 Cores / 4 Threads, 3.10 GHz, 6 MB, Intel® HD Graphics 2000)
	Intel® Core™ i5-2320 processor (4 Cores / 4 Threads, 3.00 GHz, 6 MB, Intel® HD Graphics 2000)
	Intel® Core™ i3-2120 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Core™ i3-2100 processor (2 Cores / 4 Threads, 3.10 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Pentium® processor G850 (2 Cores / 2 Threads, 2.90 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G840 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G630 (2 Cores / 2 Threads, 2.70 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G620 (2 Cores / 2 Threads, 2.60 GHz, 3 MB, Intel® HD Graphics)
	Intel® Celeron® processor G530 (2 Cores / 2 Threads, 2.40 GHz, 2 MB, Intel® HD Graphics)
Operating systems	
Operating system	Genuine Windows® 7 Home Basic (EM) 32-bit
	Genuine Windows® 7 Home Premium 64-bit
	Genuine Windows® 7 Professional 32-bit
	Genuine Windows® 7 Professional 64-bit
Operating system compatible	openSUSE Linux
	Genuine Windows Vista®
	Genuine Windows® XP
Operating system notes	Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com
Memory modules	
	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
	4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
Hard disk drives (internal)	SSD SATA III, 256 GB, 2.5-inch
	SSD SATA III, 128 GB, 2.5-inch
	SSD SATA, 128 GB, 2.5-inch
	HDD SATA III, 7200 rpm, 2000 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 1000 GB, 3.5-inch
	HDD SATA III, 7200 rpm, 250 GB, 3.5-inch
	HDD SATA II, 7200 rpm, 320 GB, 2.5-inch
	HDD SATA, 250 GB, 2.5-inch
Hard disk notes	Up to 18 GB of HDD space is reserved for system recovery
Graphics add on cards (optional)	NVIDIA® GeForce® 605 DisplayPort 1GB FH, 1 GB
	NVIDIA® GeForce® 405 display port full height
	DP to DVI-D (single link) Adapter Cable
	ATI Radeon® HD7350 1GB FH, 1 GB
	ATI Radeon® HD 5450, 512 MB
Drives (optional)	BD Triple Writer SATA slim (tray)
	Blu-ray Disc™ Triple Writer
	DVD-ROM
	DVD Super Multi
	MultiCard Reader 20in1, USB 2.0, 3.5-Inch
	MultiCard Reader 20in1 USB 3.0 front con., 3.5-Inch

**Interface add on cards/components
(optional)**

WLAN III, 802.11g/Draft-n (Windows only)
 USB 3.0 PCIe x1
 Gigabit Ethernet PCIe x1, DS
 Dual serial card PCIe x1, powered
 Dual serial card PCIe x1

Base unit ESPRIMO P400

Mainboard

Mainboard type D2990
Formfactor µATX
Chipset Intel® H61
Processor socket LGA 1155
Processor quantity maximum 1
Memory slots 2 DIMM (DDR3)
Supported capacity RAM (max.) 8 GB
Memory frequency 1333 MHz
Memory notes Dual channel support.
 For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN 10/100/1000 MBit/s Realtek RTL 8111E
BIOS version AMI Aptio 4.6
BIOS features BIOS Flash EPROM update by software
 Recovery BIOS
 Unified Extensible Firmware Interface (UEFI)
Audio codec Realtek ALC663
Audio features High Definition Audio

I/O controller on board

Serial ATA total 4
Controller functions Serial ATA II (3 Gbit)
 NCQ
 AHCI

Interfaces

Audio: line-in 1
Audio: line-in / microphone 1
Audio: line-out 1
Front audio: microphone 1
Front audio: headphone 1
USB 2.0 total 8
USB 3.0 total optional
USB front 2
USB rear 4
USB internal 2
VGA 1
DVI 1 (DVI-D)
Mouse / Keyboard (PS/2) 2
Ethernet (RJ-45) 1

Input device / components

Optical USB wheel mouse

Drive bays

Drive bays total 5
3.5-inch internal bays 2

Drive bays

3.5-inch external bays	1
5.25-inch external bays	2

Slots

PCI-Express 2.0 x16	1 x (210 mm) Full height
PCI-Express x1	2 x (190 mm) Full height

Graphics on board

Graphics brand name	Intel® HD Graphics or HD Graphics 2000 (depending on CPU)
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Shared video memory	up to 1759 MB
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TFT resolution (VGA)	1024 x 768 pixel 1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1600 x 1200 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
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TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
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Graphics features	Dual display support DirectX 10.1 HDCP support OpenGL® 2.1
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Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
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Electrical values

	0-Watt mode with hard-off switch
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Power supply input	200 - 240 V ~1,5A
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Rated voltage range	200 V - 240 V
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Rated frequency range	50 Hz - 60 Hz
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Operating voltage range	200 V - 240 V
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Operating line frequency range	47 Hz - 63 Hz
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Max. output of single power supply	300 W
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Monitor outlet	No
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Power consumption**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
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Noise for standard configuration (HDD, ODD)

Noise emission	According to ISO9296
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Related Processors for noise	Intel® Core™ i5 2400
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Noise Operation mode 1: ODD load (Blue angel requirement)	5.1 B/ 38 dB(A)
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Noise Operation mode 2: HDD load (Blue angel requirement)	4.4 B/ 29 dB(A)
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Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.7 B/ 32 dB(A)
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Noise Operation mode 4: High load	4.7 B/ 32 dB(A)
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Noise for standard configuration (HDD, ODD)

Noise Operation mode 5: Office applications 2.0	4.4 B/ 29 dB(A)
Idle mode (Blue Angel requirement)	4.3 B/ 29 dB(A)
Noise notes / description	A weighted sound power level Lw _{ad} (in B) / workplace related A-weighted sound pressure level L _{pAm} (in dB(A)), Bystander position

Dimensions / Weight / Environmental

Dimensions (W x D x H)	175 x 425 x 353 mm
Operating position	Vertical
Weight	approx. 9 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C

Compliance

Product	ESPRIMO P400
Model	MI4W-2990
Europe	CE
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Additional Software

Additional software (preinstalled)	Nero Essentials S (burning software) Fujitsu Recovery (Hard Disk Based Recovery) Norton Internet Security (incl. Firewall) 60 days version Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink Power2Go BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics)

Compatibility (references)

DMI 2.0
PC 2001
WMI 1.5
USB 2.0
SMBIOS

Manageability

Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode)
DeskView components	WoL (Wake on LAN)

Security

System protection	Kensington Lock support Eye for padlock
Audit proof protection	Boot sector virus protection Control of external interfaces
Access protection	User and supervisor BIOS password Optional: Access protection via external SmartCard reader

Packaging information

Packaging dimension	500x290x540 mm
Max. quantity / pallet	24
Material - Weight (g) Carton	1270 g
Material - Weight (g) EPS / PS	160 g

Packaging information

Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process

Warranty

Standard Warranty	1 year
Service level	Bring-In / On-Site Service (depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

More information

Fujitsu platform solutions

In addition to Fujitsu ESPRIMO P400, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO P400, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/ESPRIMO>

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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